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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Russell et al. Examiner: Unassigned  
Serial No.: 09/838,759 Group Art Unit: Unknown  
Filed: April 19, 2001 Docket No.: HPCO.024PA  
Title: DATA SECURITY FOR DISTRIBUTED FILE SYSTEM

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on August 1, 2001.

By: *Erin M. Nichols*  
Erin M. Nichols

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted either within three months of the filing date or before the first Office Action of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

Please note that any notations or markings on the attached documents do not reflect particular relevance, or lack thereof, to the present application, nor were they necessarily made by anyone affiliated with the prosecution of the present application.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Crawford PLLC  
1270 Northland Drive  
Suite 390  
St. Paul, MN 55120  
651/686-6633

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Dated: August 1, 2001

By: 

LeRoy D. Maunu  
Reg. No. 35,274

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|---|------------------------------|-----------------------------------|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>HPCO.024PA | Application Number:<br>09/838,759 |
|   | Applicant: Russell et al.    |                                   |
|   | Filing Date: April 19, 2001  | Group Art Unit: Unknown           |

| U.S. PATENT DOCUMENTS |              |      |      |       |          |                               |
|-----------------------|--------------|------|------|-------|----------|-------------------------------|
| EXAMINER<br>INITIAL   | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|                       |              |      |      |       |          |                               |
|                       |              |      |      |       |          |                               |
|                       |              |      |      |       |          |                               |
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| FOREIGN PATENT DOCUMENTS |              |      |         |       |          |             |    |
|--------------------------|--------------|------|---------|-------|----------|-------------|----|
|                          | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |              |      |         |       |          | YES         | NO |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |
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|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
|--|--|--|
| 6/99   | Gibson, Nagle et al., "NASD Scaleable Storage Systems", USENIX99, Extreme Linux Workshop, Monterey CA, June, 1999.   |  |
| 12/98  | Goibioff, Nagle, Gibson, "Integrity and Performance in Network Attached Storage", Carnegie Mellon University, School of Computer Science Technical Report, CMU-CS-182, December 1998.  |  |
| 1998   | Gibson, Nagle, Amiri, et al., "A Cost-effective, High-bandwidth Storage Architecture," Proceedings of the 8 <sup>th</sup> Conference on Architectural Support for Programming Languages and Operating Systems, 1998.   |  |
| 7/97   | Gibson, Nagle, Amiri, et al., "Filesystems for Network-Attached Secure Disks", CMU SCS Technical Report version of Carnegie Mellon University School of Computer Science Technical Report, "Security for Network Attached Storage Devices", CMU-CS-97-185, 1997. |  |
| 6/97   | Gibson, Nagle, Amiri, et al., "File Server Scaling with Network Attached Secure Disks", Proceedings of the ACM International Conference on Measurement and Modeling of Computer Systems (Sigmetrics '97), Seattle, WA, June 15-18, 1997.                         |  |
| 9/96   | Riedel, Gibson, "Understanding Customer Dissatisfaction with Underutilized Distributed File Servers, Proceedings of the 5 <sup>th</sup> NASA Conference on Mass Storage Systems and Technologies, College Park, MD, September 17-19, 1996.                       |  |
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|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                 |